

# Chameleon Hybrid Projection Wall

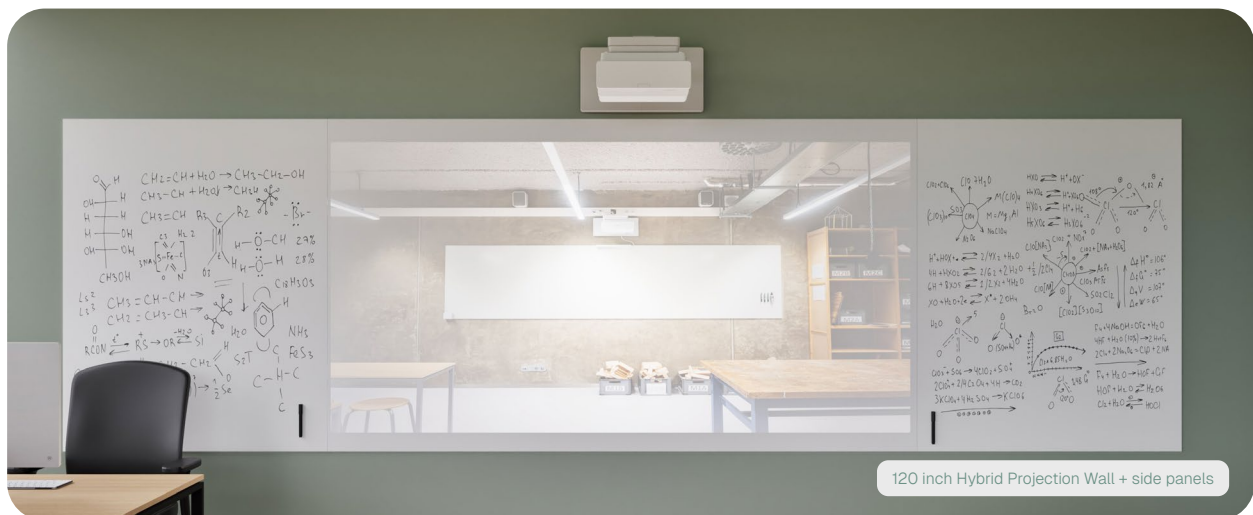
Projection boards for education

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# Why choose for Chameleon Hybrid Projection Wall?

Digitization is here to stay in education and the office. But in a world dominated by screens, the need for visual clarity, calm, and collaboration is growing. The Chameleon Hybrid Projection Wall offers that balance — a fully integrated wall solution where large-format projection seamlessly merges with analogue writing. For clear presentations and powerful interaction.



## Always visible

With a 180-degree viewing angle, the projection is clearly visible from any position in the room. Even in a full classroom or meeting space, no one misses the information.

## Large format, big impact

The Hybrid Projection Wall is available in sizes up to 143 inches — ideal for large groups and spaces where clarity and engagement are essential.

## Better focus and stronger collaboration

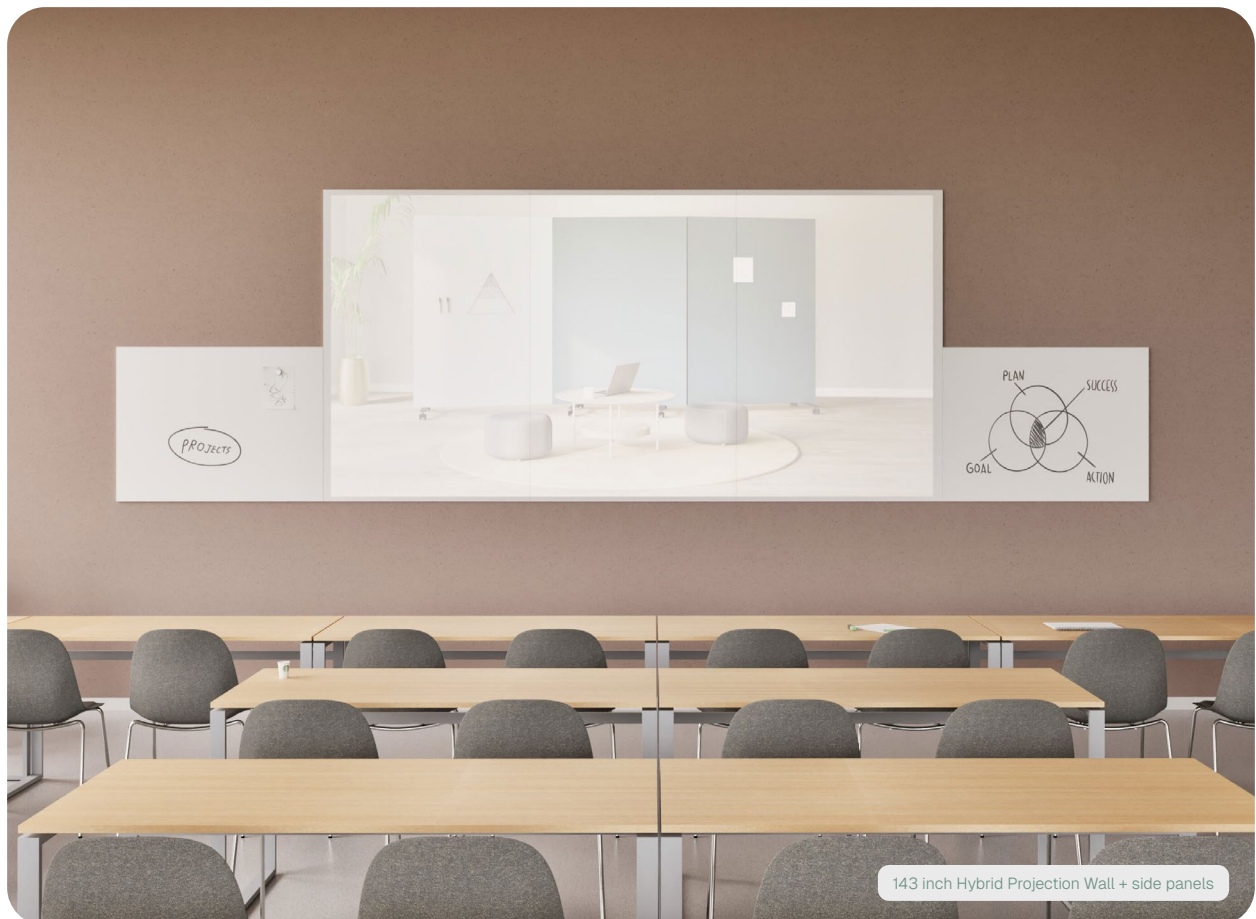
Writing out concepts step by step on a whiteboard helps improve focus, enhances understanding, and supports long-term memory.

## Ample space, visible ideas

A generous writing surface makes ideas instantly visible and improves interaction and clarity during planning sessions, brainstorming, and evaluations.

## Easy on the eyes, minimal reflection

Unlike bright digital screens, a projection surface reflects indirect light, preventing eye strain during extended use. And thanks to projectors with automatic brightness adjustment, the image adapts to the surroundings — ensuring optimal contrast without distracting reflections.



## Designed and technology perfected

A good projection and a reliable touch experience require a flat surface. The sensor detects touches from the top of the board, meaning any unevenness in the surface can affect its performance. The flatness of Chameleon boards provides the perfect solution.

### Tailored to projection formats

The dimensions of our projection boards have been carefully determined based on the most common projection sizes and aspect ratios. Additionally, space has been provided, if needed, for installing a touch sensor, allowing you to easily upgrade the board to an interactive workspace.

### Expertly produced in the Netherlands

Every Hybrid Projection Wall panel is crafted with skill and precision in the Netherlands. Chameleon Sharp panels consist of three carefully selected layers: a writing surface, a core, and a back plate.

After production, the surface undergoes a thorough visual inspection and meticulous hand-finishing. The edges are seamlessly refined with the utmost care, resulting in a board that feels like one continuous whole. By combining modern technology with traditional craftsmanship, we create a whiteboard that excels in quality and is built to last in any environment.

# Hassle-free installation

Our mounting system consists of two components that together create a revolution in installation:

## 1. Magnetic plates on the wall

These steel plates, equipped with a powerful magnetic layer, are securely fixed to the wall using four screws per plate. The number of plates required for a safe and stable mounting depends on the size of the whiteboard. The plates form the base but remain invisible once installed. This combination of simplicity and reliability has also been independently tested: the system is TÜV-certified, ensuring trustworthiness, safety, and long service life.

## 2. Whiteboards with a magnetic backing sheet

The back of every Chameleon whiteboard is equipped with a thin steel layer. This allows the panel to attach directly to the magnetic plates as soon as you hold it against the wall. And it does so without slipping, tilting, or visible mounting points. The result is a clean and solid unit. The whiteboard literally appears to float on the wall. No screw heads. No rails. Just design and function in perfect balance.

## Mount it your way, fast and stylish

Thanks to its clever TÜV-certified magnetic mounting system, the Hybrid Wall is easy to install both vertically and horizontally. This flexibility allows the board to perfectly match the design and use of the space. For the greatest ease of installation, use glass lifters (51508.010).





## Visual unity in functionality

The Chameleon Hybrid Projection Wall creates a powerful visual focal point in any space. By combining the projection surface with whiteboard panels in the same style and dimensions, a seamless and calming wall solution is achieved. The Hybrid Projection Wall can be effortlessly paired with acoustic PET felt panels or mobile projectors, resulting in one clear and cohesive workspace.

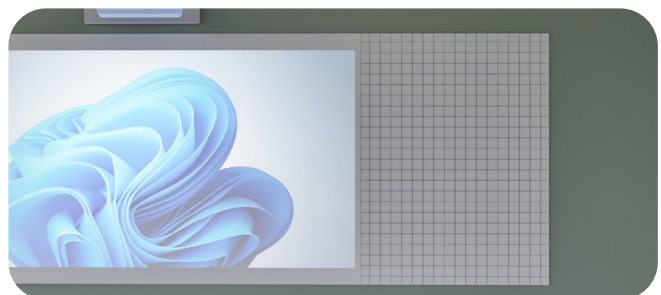
In classrooms or project spaces, this integration supports a smooth transition between digital presentations and analogue processing. Think of a large interactive whiteboard alongside an expansive whiteboard surface for visual notes or group work.

Want to give the space a personal touch? It is possible to subtly incorporate the school or company logo into the writing panels. Accent colours from the brand identity can also be included to create a recognisable and professional look.

## Inspiring combinations

### Hybrid Projection Wall + Whiteboards with lines

Add lined whiteboards to the Hybrid Wall Projection for extra structure during teaching, planning, or brainstorming.



### Hybrid Projection Wall + Mobile Projector

Use a mobile projector in combination with the Hybrid Projection Wall for maximum flexibility in presentation and space usage.



# Chameleon quality

The core of the Chameleon range is formed by the whiteboard.

A Chameleon whiteboard can be recognised by quality, which is visible in four ways:

1. **Sturdiness:** Chameleon whiteboards are 10 mm thick with a sturdy water-resistant MDF core (FSC-certified, licence code: FSC-C137061).
2. **Surface:** Chameleon whiteboards are equipped with high-quality magnetic ceramic steel, recognisable by a smooth surface without irregularities. We offer a lifetime warranty on writing and erasing for all ceramic steel surfaces. Below is an overview of our ceramic steel surface options.
3. **Finish:** Chameleon whiteboards are machine cut and then hand lacquered. We pay great attention to the finish. These lacquered edges, like the surface, are easy to keep perfectly clean.
4. **Mounting:** Chameleon uses a unique TÜV-certified mounting system that works with magnetic plates.



## Chameleon surfaces

### What is Ceramic steel?

All Chameleon surfaces on this page feature a top layer of ceramic steel. This is an enamel layer that is comparable to glass in terms of hardness and smoothness—just as scratch-resistant and with the same long lifespan. Chameleon offers the following ceramic steel surfaces:

### Projection

This extremely matte surface shows no reflection at all, making it very suitable for the more frontal projections of long throw projectors. Projection on this surface delivers the best possible image quality from projectors. The board can still be written on, but erasing is considerably less easy. Using whiteboard spray when erasing will ensure the board is thoroughly clean.

### Low Gloss

Low Gloss is a ceramic steel surface with a matte finish. This lightly matte surface is ideal for use with (ultra) short throw projectors. Since the projection comes from above, there is no distracting reflection toward the classroom. In addition, Low Gloss provides a natural writing experience and is easy to dry erase—perfect for teachers who want to combine projection with note-taking.

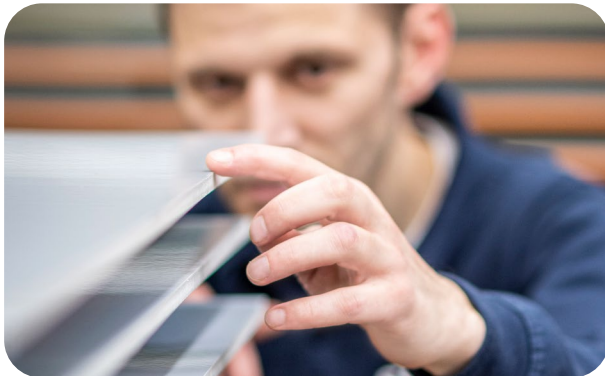


# Why Chameleon?

You don't choose a Chameleon product just for its high-quality design and proven reliability. You also choose a partner who thinks along with you, responds quickly, and works together to build sustainable solutions. What makes Chameleon unique?

## Flexibility is in our DNA

Whether it concerns customisation, a quick adjustment in scheduling, or specific project requirements, we respond swiftly. Our family business is set up to be customer-focused and agile, without compromising on quality or service.



## Local production, visible craftsmanship

All Chameleon products are manufactured in-house, in our modern production facilities in Geldrop, near Eindhoven. Here, we combine craftsmanship with technology, with care for people and the environment. We warmly invite customers and partners to see firsthand how we ensure quality, sustainability, and transparency.

## Built for the future

Our products are made to last. That's why we offer a lifetime warranty on the ceramic steel writing surface. A long lifespan means less waste, fewer replacements, and therefore a smaller ecological footprint.

## Sustainability

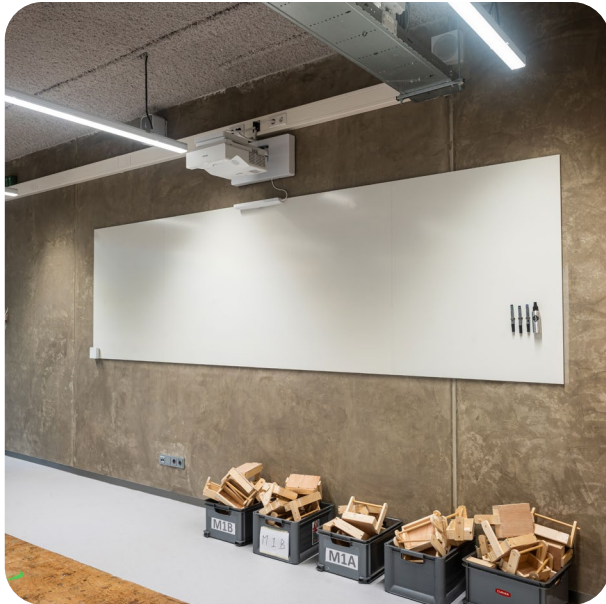
As a brand of Smit Visual, we take our responsibility for people and the planet seriously. We continuously work on making our processes, materials, and products more sustainable. For example, we use FSC-certified wood and hold ISO 14001 and Ecovadis Gold certifications. Sustainability is not a project, but an attitude embedded in our daily work.





# Hybrid Projection Wall in practice

In education, the Chameleon Hybrid Projection Wall serves as a multifunctional teaching tool: write and project on one large, matte surface without reflections. Ideal for interactive lessons, group work, and visual learning. The wall is scratch-resistant, magnetic, and always ready to use; both practical and durable in any classroom.



# Specifications

Type	Surface + code	Gloss level	Application	Writing/erasing	Edge colour	Maximum size
Hybride	Low Gloss	ISO 2813 / ASTM D523 60°: (indicatief: 70 GU) ISO 2813 / ASTM D523 20°: 25 (+10/-5) GU	Matte white whiteboard surface, suitable for both writing and projecting	Whiteboard markers / dry erasing	White lacquered	1180x2980 mm
Projection	Projection	ISO 2813 / ASTM D523 60°: 13 (+3/-3) GU ISO 2813 / ASTM D523 20°: 25 (+10/-5) GU	Ultra-matte surface, suitable for projection	Whiteboard markers / wet erasing	White lacquered	1480x2980 mm



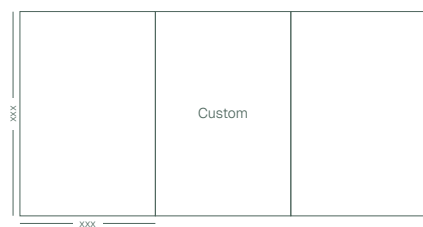
# General

## Projection surface

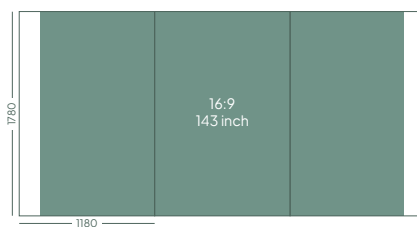
Size (cm)	Article number Low Gloss	Surface	Projection ratio	Projection size	Touch interactive	Amount of panels	Gross weight	Nett weight
118 x 210	16001.034	Low Gloss	16:10 / 16:9	Up to 88 inch	Suitable	1	34,6	27,4
118 x 286	16001.036	Low Gloss	16:6	Up to 120 inch	Suitable	1	29,0	27,0
148 x 222	16001.038	Low Gloss	16:10 / 16:9	Up to 100 inch	Suitable	1	24,7	22,7
148 x 263	16001.039	Low Gloss	16:9	Up to 120 inch	Suitable	1	32,0	30,0
198 x 294	16006.001L	Low Gloss	16:9 / 16:10	Up to 120/130 inch	Suitable	3	150,0	110,0
178 x 354 (tot.)	16006.060	Low Gloss	16:9	143 inch	N.a.	3	132,0	105,0
178 x 354 (tot.)	16006.061	Projection	16:9	143 inch	N.a.	3	132,0	105,0
Custom	16006.999	Of your choice	T.b.d.	T.b.d.	T.b.d.	T.b.d.	T.b.d.	T.b.d.

## Side panel

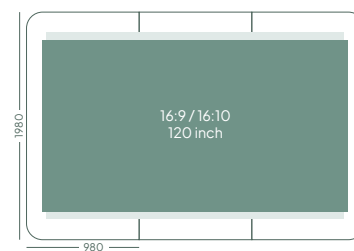
Size (cm)	Article number Low Gloss	To be combined with	Gross weight	Nett weight
118x88	16001.009 S200	118 x 210 cm, 118 x 286 cm	28	20,20
148x118	16001.004 S200	148 x 222 cm, 148 x 263 cm, 174 x 354 cm	22	15,80



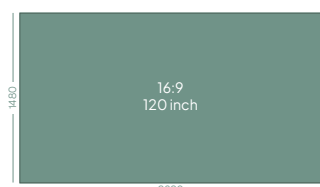
16006.999



16001.06x



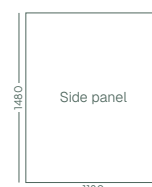
16006.001L



16001.039



16001.038



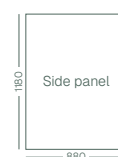
16001.004 S200



16001.036



16001.034



16001.009 S200



16:9



16:10

# Technical

Properties:	- Magnetic and dry-erase - Suitable for very intensive use
Thickness:	10 mm
Mounting:	TÜV-certified magnetic mounting system
Warranty:	2 years
Surface warranty:	Lifetime on writeability and dry erasure



## Construction

### Projection panel

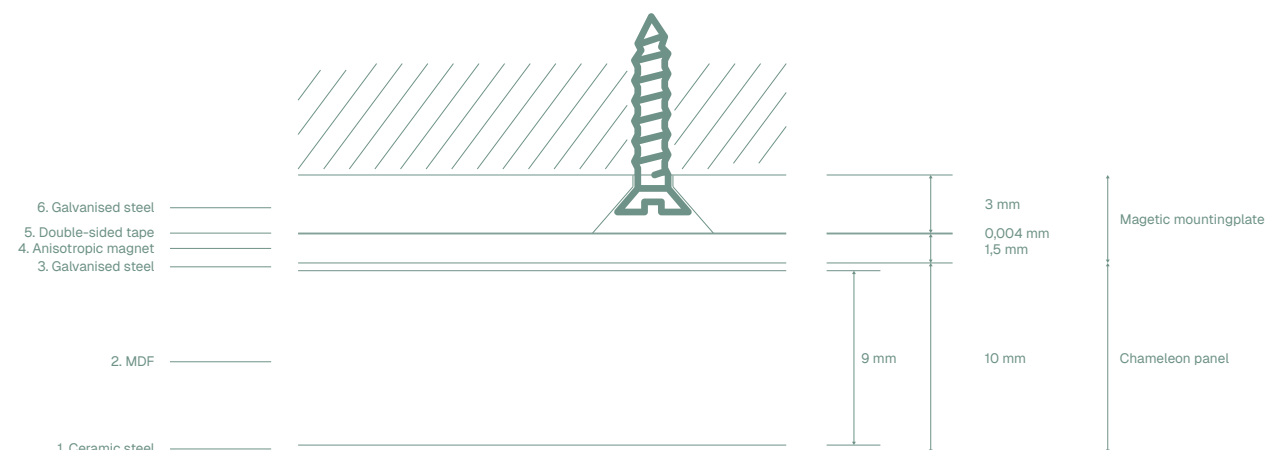
1. Surface:	Ceramic steel 0.4 mm (Indoor Air Quality Certified to SCS-EC10.3-2014 v4.0)
2. Carrier:	MDF 9 mm (FSC 70%)
3. Backing:	0.4 mm galvanized steel sheet
Finish:	White lacquered edges, easy to keep clean



## Construction

### Magnetic mounting plate

4. Magnetic sheet:	Anisotropic magnet, 1,5 mm thick
5. Adhesive layer:	Double-sided tape
6. Mounting plate:	Gegalvanised-steel plate, 3 mm thick, with holes for screwing



# Packaging

Type:	Crate
Content:	Chameleon whiteboard panel, mounting plate, screws, dowels and mounting instructions
Packaging unit:	1 unit
Materials:	Wood, cardboard, polyethylene protection tube
Size:	Size board + 3 cm width, 3 cm depth, 4 cm height

# Experience Hybrid Projection Wall in your project

Curious how the Chameleon Hybrid Projection Wall fits into your interior design?  
We're happy to assist you, from samples and custom solutions to the showroom.

What you can do:

[Request a colour or material sample](#)

[Visit our showroom by appointment](#)

[Schedule a consultation with a product specialist](#)

**Smit Visual B.V.**

Spaarpot 120-122  
5667 KZ Geldrop  
Netherlands

+31(0)40 - 280 85 00  
[info@smit-visual.nl](mailto:info@smit-visual.nl)  
[chameleonwriting.com](http://chameleonwriting.com)